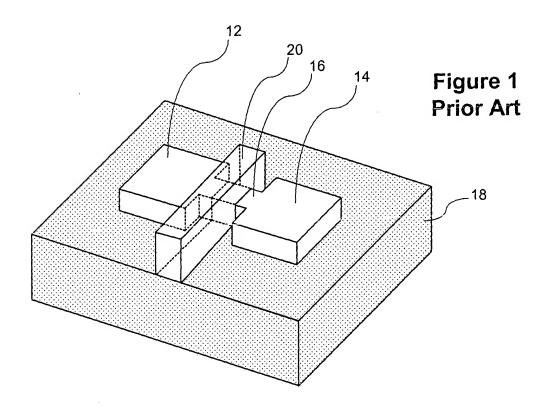
IMPROVED THERMAL CONDUCTIVITY AND METHOD OF ITS FORMATION Inventors: Qi Xiang et al. Attorney: Ronald Coslick – 039153-0675 FOLEY & LARDNER – (310) 277-2223 Sheet 1 of 12



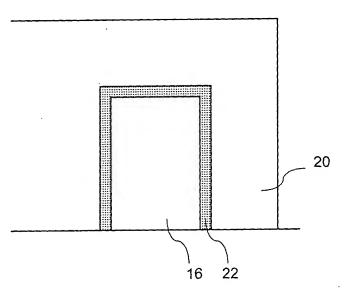
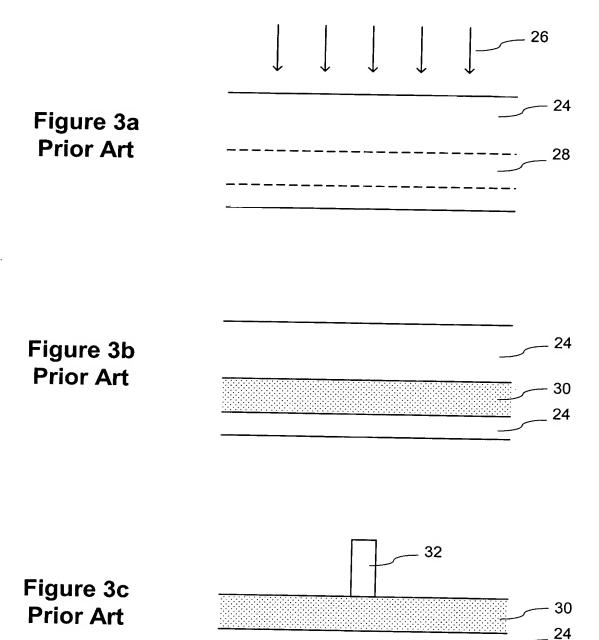


Figure 2 **Prior Art** 

SILICON ON INSULATOR SUBSTRATE HAVING IMPROVED THERMAL CONDUCTIVITY AND METHOD OF ITS FORMATION

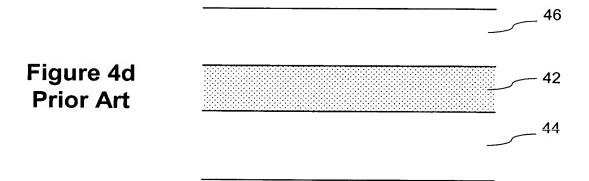
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IMPROVED THERMAL CONDUCTIVITY AND METHOD OF ITS FORMATION Inventors: Qi Xiang et al. Attorney: Ronald Coslick – 039153-0675 FOLEY & LARDNER – (310) 277-2223 Sheet 3 of 12 Figure 4a **Prior Art** Figure 4b **Prior Art** Figure 4c **Prior Art** 

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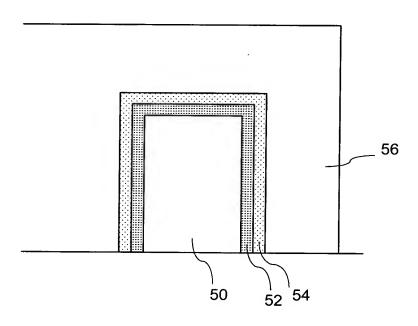
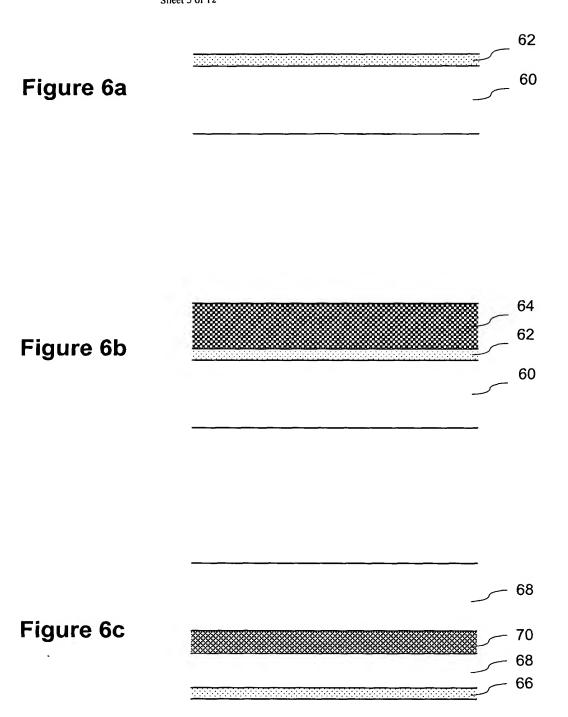
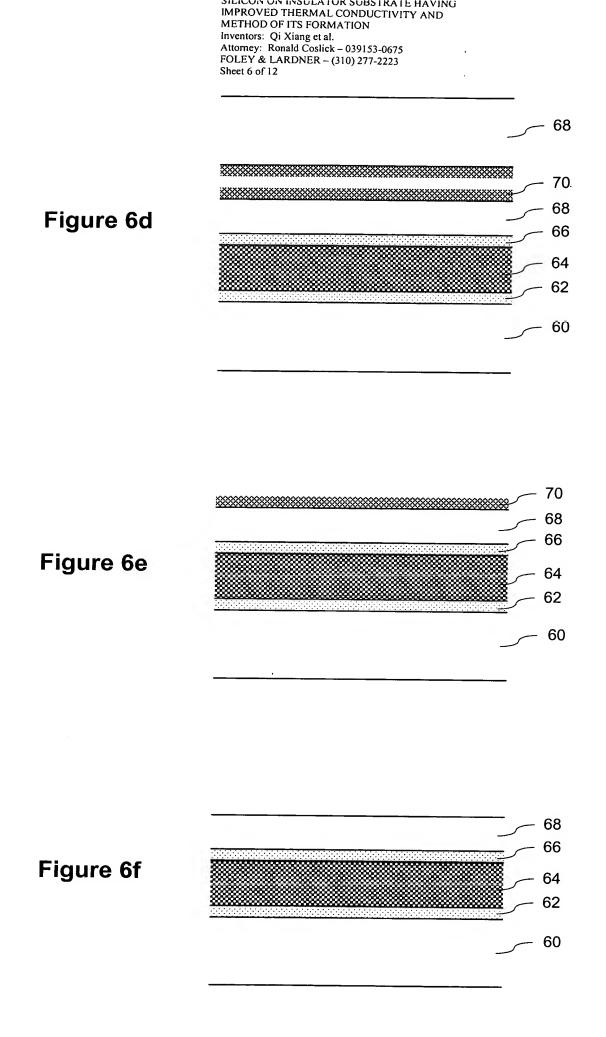
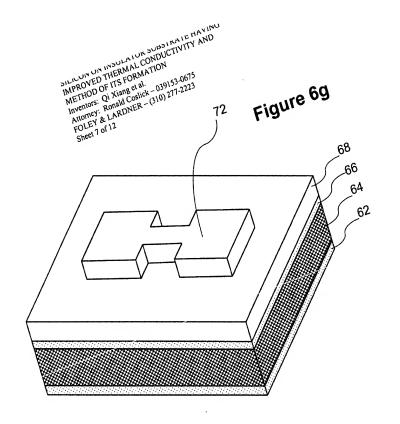


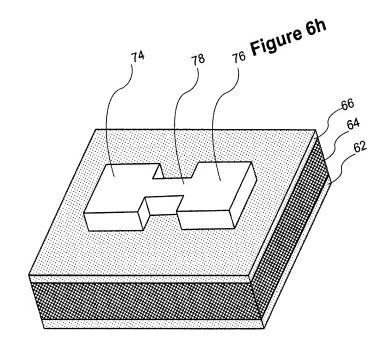
Figure 5

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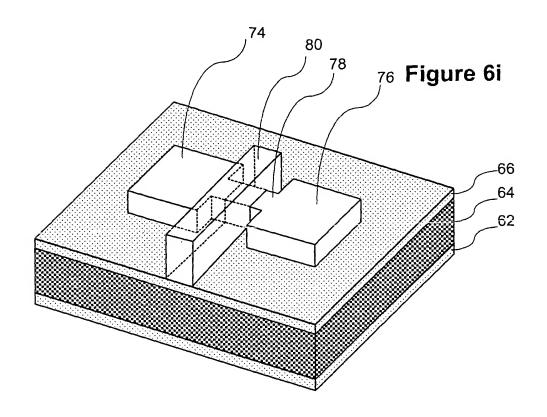


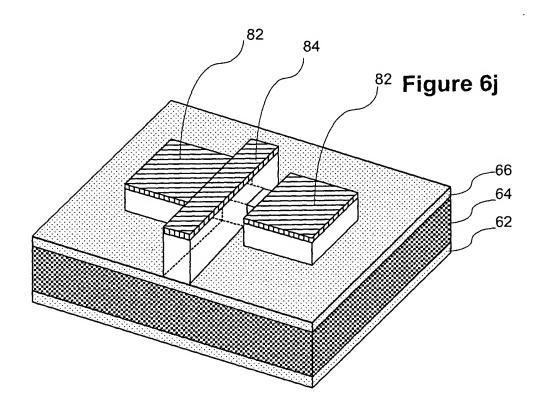






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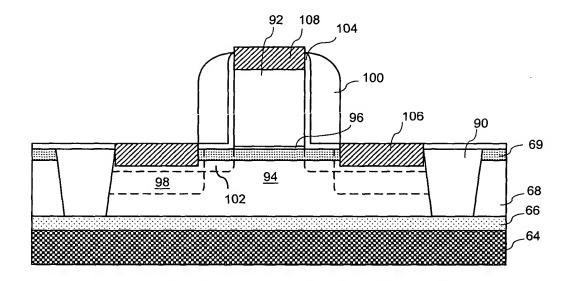


Figure 7

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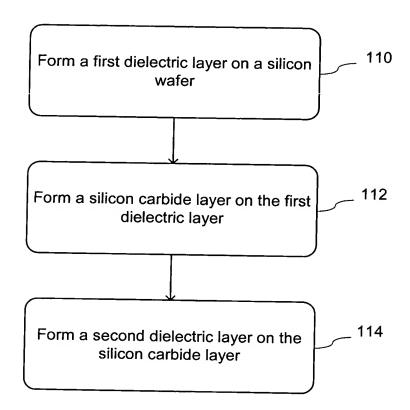


Figure 8

IMPROVED THERMAL CONDUCTIVITY AND METHOD OF ITS FORMATION

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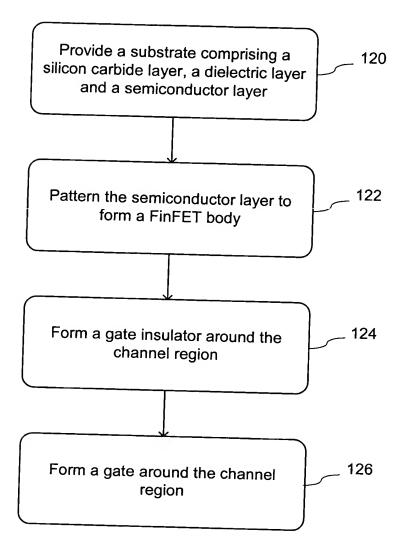


Figure 9

SILICON ON INSULATOR SUBSTRATE HAVING IMPROVED THERMAL CONDUCTIVITY AND METHOD OF ITS FORMATION Inventors: Qi Xiang et al. Attorney: Ronald Coslick – 039153-0675 FOLEY & LARDNER – (310) 277-2223 Sheet 12 of 12

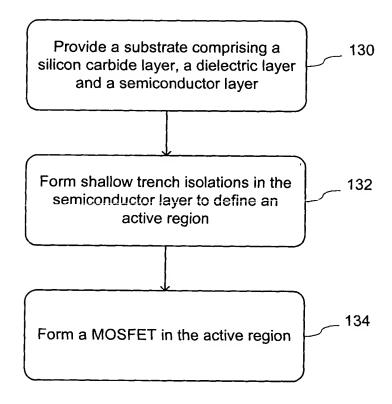


Figure 10